

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

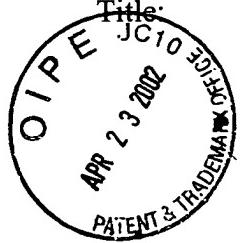
Applicants: Kenneth E. Manwiller and Anne B. Hardy

Application No.: 10/050,662 Group Art Unit: 1731

Filed: January 16, 2002 Examiner: Not assigned.

#2
05/03/02
AS

METHOD FOR MAKING MICROABRASIVE TOOLS



CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on	4/16/02
Date	Kathleen Riley
Signature	
Kathleen Riley	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)

under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

under 37 CFR 1.97(c) together with either:

a Statement under 37 CFR 1.97(e), as checked below, or

a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with:

a Statement under 37 CFR 1.97(e), as checked below, and

a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

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Statement Under 37 CFR 1.97(e)

- [] Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- [] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- [] Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

[X] Enclosed herewith is form PTO-1449:

- [] Copies of the cited references are enclosed.
- [X] Copies of cited references are enclosed except those entered in prior application, U.S. Application No. 09/363,581, to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references and an English language translation of Reference AO (Japanese Patent document 9-1461).
- [] The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- [] The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
 - [] the explanation provided on the attached sheet.
 - [] the explanation provided in the Specification.
 - [] submission of the enclosed International Search Report.
 - [] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.

[] Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

- ____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

- [] A copy of each above-cited application, including the current claims, is enclosed.
[] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- [] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
[] Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Dated: April 16, 2002

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2523.1008-001	APPLICATION NO. 10/050,662
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Kenneth E. Manwiller and Anne B. Hardy	
April 16, 2002 (Use several sheets if necessary)		FILING DATE January 16, 2002	GROUP 1731

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,772,953	30 JUN 98	Sambrook, et al.	264	638	
	AB	5,667,742	16 SEP 97	Dwivedi, et al.	264	658	
	AC	5,665,440	09 SEP 97	Menchhofer	428	34.5	
	AD	5,654,027	05 AUG 97	Chalupa	426	573	
	AE	5,563,106	08 OCT 96	Binner, et al.	501	84	
	AF	5,401,284	28 MAR 95	Sheldon, et al.	51	308	
	AG	5,367,068	22 NOV 94	Lane, et al.	536	124	
	AH	5,340,532	23 AUG 94	Bergström	419	38	
	AI	5,304,223	19 APR 94	Pieper, et al.	51	293	
	AJ	5,279,994	18 JAN 94	Kerkar	501	94	
	AK	5,250,251	5 OCT 93	Fanelli, et al.	264	328.2	
	AA2	5,215,946	01 JUN 93	Minh	501	97	
	AB2	5,086,093	04 FEB 92	Miller	524	28	
	AC2	5,028,362	02 JUL 91	Janney, et al.	264	25	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	WO 96/10471	11 Apr 96	PCT			
	AM	WO 97/29886	21 Aug 97	PCT			
	AN	2 289 466 B	22 OCT 97	GB			
	AO	09 001461A	07 JAN 97	JP			
	AP	0 288 208 B1	07 FEB 96	EPO			
	AQ	WO 95/30631	16 NOV 95	PCT			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Monsanto Co., KELCOGEL(R) Gellan Gum (visited Oct. 7, 1999) < http://www.nutrasweekkelco.com/ingred/kelqc.htm >
AS	Ogbemi O. Omateete et al., Gelcasting-A New Ceramic Forming Process, 70 CERAMIC BULLETIN 1641, 70(10) (1991).
AT	Albert C. Young et al., Gelcasting of Alumina, J. Am. Ceram. Soc., 74:612-618 (1991).

EXAMINER

DATE CONSIDERED

PRO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION April 16, 2002 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 2523.1008-001	APPLICATION NO. 10/050,662
		APPLICANT Kenneth E. Manwiller and Anne B. Hardy	
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AD2	5,401,445	28 MAR 95	Menchhofer	264	13	
	AE2	4,677,082	30 JUN 87	Alford, et al.	501	88	
	AF2	4,634,453	06 JAN 87	Hay, et al.	51	293	
	AG2	4,326,052	20 APR 82	Kang, et al.	536	1	
	AH2	3,874,856	APR 75	Leeds	51	296	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL2	JP401266838 (abstract)	OCT 89	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	Monsanto Co., A User's Guide to KELCOGEL(R) Gellan Gum (company brochure) RC-177 (1996).
AV	Cheftel et al., "Gelation" in Amino Acids, Peptides and Proteins in Food Chemistry (Owen R. Fennema, ed.) 290-294 (1985).

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EXAMINER	DATE CONSIDERED